

## Brief Spec. : 12.1 " XGA Standard model

### Features

- **Natural Color Matrix**
- **Long lamp Life 50,000hr**  
**and easy replaceable lamp unit**
- **Wide View angle**  
**65/65 (R/L), 45/75 (U/D)**
- **Wide Operation Temperature**  
**Range (-20 ~ 70°C)**

TYPE NAME		AA121XH03
Screen Size / Resolution		12.1-inch XGA
LCD Type		Transmissive, TN
Active Screen Area Size [mm]		245.8(H) X 184.3(V)
Pixel Number		1024(H) x 768(V)
Pixel Pitch [mm]		0.240(H) x 0.240(V)
Contrast Ratio		550 :1
Brightness [cd/m <sup>2</sup> ]		320(IL=6.0mA)
Viewing Angle (CR>10) [°]		-65 ~ 65(H), -75 ~ 45(V)
Optimum Viewing Angle (Max. CR)		6 o'clock
Colors		262K(6 bit/color)/16.7M (8bit /color)
Color Saturation (vs. NTSC) [%]		40
Natural Color Matrix		Yes
Backlight		CCFL, 2Lamps(Replaceable)
Lamp Life [h]		50,000
Interface		LVDS
Power Consumption [mW]		7.5
Power Supply [V]		3.3
Reverse Scan		YES
Module Outline Dimensions [mm]	W	280.0
	H	210.0
	D	12.0
Module Mass [g]		720
Operation Temperature Range [°C]		-20 ~ 70
Storage Temperature Range[°C]		-20 ~ 80
Surface Treatment		Anti-glare, hard-coating 3H